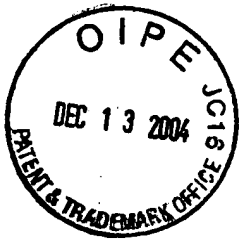


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## FAX TRANSMITTAL SHEET

December 13, 2004

Mail Stop Issue Fee  
**TO:** Examiner Tan Ho  
Group Art Unit 2821  
Application Serial No. 10/091,186  
**Company:** U.S. Patent and Trademark Office  
**Fax #:** 703-746-4000  
**City/State:** Arlington, VA

**FROM:** Steven P. Wigmore 5551 **Our Ref. #:** 06935.105031

NUMBER OF PAGES (including transmittal sheets): 6

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### Notes/Comments:

Documents submitted via facsimile:

Applicant	James C. Carson et al.
Serial No.	10/091,186
Title	Aperture Coupled Cavity Backed Patched Antenna
Papers Submitted:	Supplemental Rule 312 Amendment (4- pgs.); Amendment Transmittal (1- pg.)
Attorney	SPW/evc
Date Mailed	December 13, 2004
Docket	06935.105031



PATENTS

## IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of:

James C. Carson et al.

Serial No.: 10/091,186

Filed: March 4, 2002

For: Aperture Coupled Cavity Backed Patched Antenna

Docket No. 06935.105031

Confirmation No.: 7814

Art Unit 2821

Examiner: Tan Ho

Mail Stop Issue Fee  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith are papers in the above-identified application.

- ☒ Supplemental Rule 312 Amendment.  
☐ Applicant(s) claim small entity status. See 37 C.F.R. § 1.27.  
☒ An additional fee is not required.  
☐ The additional fee is calculated as shown below:

					SMALL ENTITY		LARGE ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	RATE	ADDIT. FEE
TOTAL	17	MINUS	20=		x25	\$	x50	\$ 0
INDEP.	3	MINUS	3=		x100	\$	x200	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					+180	\$	+360	\$
TOTAL ADDITIONAL FEE						\$	\$ 0	

- ☒ The Commissioner is hereby authorized to charge any additional fees required under 37 CFR § 1.16, or to credit any overpayment to Deposit Account No. 11-0980.

I hereby certify that this correspondence is being facsimile transmitted to Mail Stop Issue Fee, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, Attn: Examiner Ho, GAU 2821, Facsimile No. 703-746-4000, on December 13, 2004.

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By:   
 Steven P. Wigmore, Reg. No. 40,447



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
James C. Carson et al.	)	
	)	Art Unit: 2821
Serial No.: 10/091,186	)	
	)	Examiner: Tan Ho
Filed: March 4, 2002	)	
	)	Confirmation No.: 7814
For: Aperture Coupled Cavity	)	
Backed Patch Antenna	)	

**SUPPLEMENTAL RULE 312 AMENDMENT**

Commissioner for Patents  
Mail Stop Issue Fee  
P. O. Box 1450  
Alexandria, VA 22313-1450

December 13, 2004

Sir:

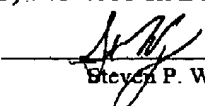
Responsive to the Notice of Allowability mailed September 13, 2004 and further to the Rule 312 Amendment submitted on December 10, 2004, Applicants submit this Supplemental Amendment under 37 C.F.R. § 1.312 to correct formal matters to the specification. Applicants respectfully request the Examiner to consider and enter these amendments prior to issuance of the patent.

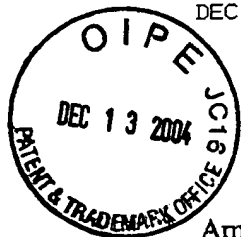
**Amendment** of the Title is found on page 2 of this document.

**Amendments to the specification** begin on page 3.

**Remarks** begin on page 4.

I hereby certify that this correspondence is being facsimile transmitted to: Mail Stop Issue Fee, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, Attn: Examiner Tan Ho, GAU 2821, Facsimile No. (703) 746-4000 on December 13, 2004.

  
Steven P. Wigmore, Reg. No. 40,447



U.S. Serial No.: 10/091,186

Amendment of Title:

Please amend the title of this patent application to the following:

~~Method and System for Improving Performance of an Antenna Array.~~ Aperture Coupled Cavity Backed Patch Antenna.